SOFTDISK™

for Apple II+®, IIe, IIc, IIc+, and IIGS

BACK ISSUE Catalog

A Word about *Softdisk* ...

Jim Mangham established **Softdisk** in September 1981 by mailing the first issue of ***Softdisk***™ to fifty Apple® owners. The first seventeen issues of ***Softdisk*** were single-disk issues, but since issue #18, all issues have been published on two disks. Issues since #81 are also available on single 3.5″ disks. Today ***Softdisk*** in both formats is sent to thousands of eager Apple users each month.

The SOFTDISK Back Issue Catalog allows you the opportunity to select only those issues which contain specific programs you would like to own — whether games or utilities, or tutorials or applications! The choice is *yours!*

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ISSUE #1 (One 5.25" Disk)

Learnit — Memorize text the easy way with the help of your Apple.
Dollar — A subroutine for formatting numerical values into dollars and cents output.
Using — Print out numbers in whatever form you wish.
Softdisk Print All — Print all text files on the earliest ***Softdisk*** issues.
DOS Command Changer — Edit DOS commands and error messages to read the way *you* like them!
John's VTOC Map — View a track and sector map on your screen.
Listing HELLO — Select your program by number.
Graphics — Learn how to use hi-res graphics.
Flash Cards — Let your Apple teach you French.
POKE & PEEK Name & Date — An easy way to use dates in your programs.
CTRL Find — Find those hidden control characters in filenames.
Super RAT — Read all your text files, sequentially or randomly.
Reminder System — Keep track of all your appointments.
Softdisk Database — Create a database for any application.

ISSUE #2 (One 5.25" Disk)

Fire Organ — *Thirty-five* light shows in a demo of the CEEMAC dynamic-graphics language!
Icebreaker — Break the ice of DOS random file-processing.
Super RAT — Read all text files — even if you don't know their record length.
Num Conversion — Enter a number and receive its binary, hex, and decimal equivalents.
Revolving Words — Spice up text on your screen.
Music — The first music ever written for ***Softdisk***.
Professor Backwards — See words or phrases *sdrawkcab*.
Short Sort — A demo to give you a headstart at sorting.
Life Expectancy — Decide if you believe what this program tells you.
FreeCAT — Find out how many free sectors you have on your disk.
Paddle Test — Test your paddles or joysticks.
Address Labels — Three label programs to add to your collection.
Checkbook — Let your Apple help you balance your checkbook.
Lo-Res Graphics — Print out a lo-res picture on your printer.
Magic trick — A program which might be real magic — or only a trick!
Dater — Add the current date to your programs.
Comparer — Compare two files to see what changes have been made.
Random — Learn something you did not know about random numbers.
Picture Packer — A packing routine for hi-res graphics.

ISSUE #3 (One 5.25" Disk)

Happy Birthday — Make someone happy by running this program!
Dunking Machine — You will think you're at the county fair.
Grade — A computer gradebook for teachers.
Location — Find the length and address of the last BLOADed (or BRUN) binary file.
Planet of the Robots — Take a trip into the future.
Buzz Phrase Generator — Create some buzz words of your own.
Song Writer — Try being the composer you have always wanted to be.
One Six-Sided Die — A subroutine for you to use in your programs.
String Art — Your Apple shows you how artistic it can be.
Headlines — Extra! Extra! Make your own headlines.
Simple Simon — An interesting variation of the popular favorite.
Speed Reading — Increase your reading speed.
Fraction Multiplier — Math can be fun when you have your Apple to help.
Kinetic Art — Your Apple can create wonderful designs by itself!
Keno — A betting game that is much cheaper than a trip to Vegas.
Cows & Bulls — You're on your own this time!

ISSUE #4 (One 5.25" Disk)

Kirby HELLO — A nice HELLO program to add to your collection.
It — Run IT and find out what IT does.
Flexible Menu — Select your programs the easy way.
Smurk — An entertaining adventure game awaiting your solution.
Radar Defense — A hi-res game to entertain you.
Keno Prog — A variation of another Las Vegas favorite.
Remember Letters — A version of "Simon" that is really different!
Yahtzee — The familiar game — *without* the dice.
Dictionary Game — An excellent party game.
Scrabble Help — An aid for all players of the classic board game.
Banner — Create your own custom banner for that special occasion.
Hi-Res Metronome — A more dependable alternative than tapping your foot.
NumPad — A numeric keypad for Everyman.
Century Date — Find out the day of the week certain events took place.
PDL Evaluator — Test your paddle or joystick, or even the latter's buttons!
RND — A random-number generator you will find useful.
Grade Curver — If you grade papers, you will treasure this one!
Chemistry Drill — Let your Apple help you pass that chemistry test.
Boat Shopping — Compare before you buy a boat or other related equipment.
KAFML — A correction to our database program in Issue #1.
KAFM Key Print — Use with our Issue #1 database program to learn the file structure we used.

ISSUE #5 (One 5.25" Disk)

First Busy Signal — Perhaps a solution to an annoying part of your life.
Some Good Sound — A collection of music to enjoy.
Defender — Try to save planet Earth in this adventure.
Nicomachus — Choose a number and have your computer guess it!
Pig Latin — A conversion program for the language of fun.
Jumbler — Have your Apple jumble the letters, then sort them out again.
Fortune Teller — Find out what the future holds for you.
S.A.M. — No quarter is necessary to play this clever arcade game.
Biorthythm — Find out what your good days will be.
Dancin' Words — Imagine! A square-dancing Apple!
Hewitt Graphics — A color graphics utility that will wow you.
Spitz — Watch this Olympic sport any time!
Impossible — A combination of hi-res graphics and text.
Emil's PDL Tablet — Use joystick or paddles to design almost anything.
Kaleidoscope — An impressive demonstration of your Apple's color capabilities.
Converter — A handy measurement conversion tool.
SAT Test — Improve your vocabulary.
Applebacus — Learn how to add on an abacus.
Math — A tutorial for 1st through 3rd graders.
Word Problems — Another entertaining and instructional math game.
Calendar — Let your Apple find the date for you.
Memocap — A routine which will tell you how much of your Apple's memory is available.
Free Space — Find out the number of free sectors on your disks.
Cookbook — A program any home chef will love.
Musician — Your Apple becomes an organ that can save your musical creations.

ISSUE #6 (One 5.25" Disk)

Pop Quiz — There's no need to dread *this* quiz!
Garrison's Show — All you need to do is sit back, watch, and enjoy!
The Dungeon of htaM — Learning has almost become *too* much fun.
Sir Isaac's Apple — Get out your paddles or joystick — and *your* Apple.
Hangman — Increase your vocabulary as you play this standard.

ISSUE #6 (Continued)

History Quiz — A quiz can teach you more than you think.
Mastermind — An Apple variation of the popular game.
Stereo — You will find that 3-D on your Apple is quite impressive!
Castle — A display featuring your Apple's graphics capabilities.
Spirograph — Turn your Apple on — and loose!
Bumble Bee — An endlessly-running lo-res graphics demo with sound.
Super HINEM Bit Nibbler — A program guaranteed to copy "ANYTHING."
Nested Menu — A nice, friendly way to make program selection easier.
Amount Writeout — Try working this utility into your check-writing program.
Electronic Library — Keep track of your magazine articles, computer-related and otherwise.
Metric Magic — Take the headache out of metric conversion.
Quilt Program — Figure your material requirements *without* a pencil!
Home Computer Inventory — Keep an inventory of all your hardware and software.
Decision Maker — Your Apple can help you make the right one.

ISSUE #7 (One 5.25" Disk)

A Short Adventure — Another entertaining adventure game for your collection.
Stop/Go — A color-and-sound treat for the very young.
Screensize — Run it and find out what it is all about.
Checkerboards — Select the checkerboard you like best.
Spaceget — Find out how many sectors you have left on your disk.
Super RAT — Read sequential and random text files with this handy utility.
Data Writer — Convert binary data to a text file which can be EXECed into a BASIC program.
Date HELLO — Keep track of the date and use it in your programs.
LIST — Print your program in an easy-to-read format.
Picture Packer — Pack and un-pack hi-res pictures and get more on your disk.
Weight Calculator — Find out more about yourself than you may want to know!
Recipe Catalog — Your recipes will never get lost or messy again!
DUP Label — A worthy addition to your label collection.
EXEC File Tutorial — Learn all about using EXEC files.
Hi-Res Flipper — See what you can learn from RUNning this program.
Porkyjump — A clever demonstration of page-flipping.
Shape Display — A utility illustrating the use of shape tables.
"&" Hook from BASIC — Discover the true value of the "&" statement.
Random File Lesson — Learn how to use random-access files.
Middle Ages Quiz — Brush up on your history.
Dates in History — A "what happened when" quiz to jog your memory.
Music — An interesting combination of music and graphics.
Educational — The probability of rolling a "7" may astound you.

ISSUE #8 (One 5.25" Disk)

Snake — Try to avoid the snake as long as you can!
Stars — A guessing game in which your Apple supplies the clues.
Space Gom — Take off into outer space in this text adventure.
Horse Race — Bet on the ponies and let your Apple keep track of your winnings.
Random Walk — How far will a man walk in ten steps if he selects a random direction with each step?
Smiley Face — A program to bring out the child in all of us.
Siren — A clever sound routine to use in your programs.
Hex to Ten — Hex-to-decimal conversion will never be a problem for you again!
EXECumatic — A tutorial on EXEC files.
Draw Shapes — Draw shape tables and save them to disk.
Jury — Select the most-qualified jurors for an important trial.
Stopwatch — The only problem with this stopwatch is how to carry it!
What I Do — Find out what your Apple is all about.
Matrix Magic — Learn all about matrix techniques.

ISSUE #8 (Continued)

Vocab — Improve your vocabulary with a little help from your Apple.
The Table — A true helper for the student of chemistry.
Ion Test — If ions give you a charge, this one's for you.
Sort Routine — Sorting things won't be hard any more.
Bubble Sort — Watch the bubbles rise in this colorful bubble sort.

ISSUE #9 (One 5.25" Disk)

Quizzer! — Teachers, create your own quizzes.
Management Style Assessment — Find out what your management style is.
Lien Escape — Rescue the princess and collect the money!
Alivader — An arcade adventure requiring joysticks or paddles.
Birthday Card — Wish someone special a happy birthday.
Epicurean HELLO 1.1 — A valuable addition to your HELLO library.
Capture — Merge subroutines into your BASIC programs quickly and easily.
Financial Series — A finance program that is certainly worth the money.
Record Timer — A handy program for anyone who records LP's to tape.
Physics Lesson — Try for a passing grade!
Matchmaker — In order to win, you will have to jog your memory.
Estimation — This surprise ending will get your attention!

ISSUE #10 (One 5.25" Disk)

Calc-Man — Believe it or not, a cross between VisiCalc and Pac-Man!
Electric Letterhead — Design your own letterhead!
Connect 4 — A two-player version of the popular game.
Name the States — Review the locations of the U.S. states.
Gil & Sully — A lo-res tour through some of Gilbert and Sullivan's best-known shows.
Squiggles — A hi-res demo for your enjoyment.
Music Play — Some great computer creations which will be music to your ears.
Name Changer — Change the name of your disk to something that makes sense!
Shape Table Assembler — Assemble shapes into a multi-shape table.
All-Base Converter — Take a number from any base and convert it into any other base.
Moroniquiz — Surely you can supply all the correct answers!
Three D Apple Prisoner — An adventure game sure to become a collector's item.
Apple Screenwriter — Find out how Hollywood gets all its story ideas.
Apple Stopwatch — The latest word in digital watches.
Make a Mess — Be an artist with this joystick-controlled drawer.
The Magic Hat — Buy a ticket and go to the magic show.
Label Printer v.1.1 — Select the desired label size and the number you want to print across.
Plotter 1.3 — Print out a summary of any survey data.
Money Market — Find out if your money fund is making any money.
Hidden Line 3-D — Draw 3-D pictures with the hidden lines removed.

ISSUE #11 (One 5.25" Disk)

BASICalc — A super spreadsheet program!
A Duel — It's "dueling paddles" time with your friend.
Space Chaser — A fast-paced space arcade adventure requiring swift fingers.
Dive Bomber — A challenging two-player strategy game.
UFO II — Take a trek into outer space!
Artillery — Fire away if you think you can hit the target.
JFK — Turn on your printer for a computer picture.
MiniAssembler — An assembler which works the way the Apple reference manual says it should.
Memory Test — Find out if your Apple's memory is as good as you think.
Salyer HELLO — Keep a date file updated.

ISSUE #11 (Continued)

NFL Ranker — Predict winners in the National Football League.
Decision Maker — Receive computer help in making that all-important decision.
Intruder Alert — Scare away any intruders with this alarming program.
Super Scores — Keep track of high game scores for future reference.
Car Loans — Before buying a new car, "test-drive" this program!
Fraction Practice — A fun way for the kids to practice their fractions.
Roots and Prefixes — A helpful review of Greek and Latin contributions to our native tongue.
Balloons — Try and hit the balloon on your very first try.
Animate Cow — View a demonstration of moving a shape around with paddles or joysticks.
Compiler Demo — Visually compare the regular and compiled versions of a program.
Elf — Spice up your text screens!

ISSUE #12 (One 5.25" Disk)

Othello — Our Apple version of the popular game.
Fisherman's Wharf — Grab your paddle or joystick — instead of your rod and reel! — and catch a live one!
PRINT & INPUT Routines — A collection of 36 routines for adding that professional touch to your programs.
Morse Code — Take advantage of this chance to learn the Morse code.
AMPM — Calculate the times of sunrise, sunset, dawn, and dusk for any date and place.
Checkbook Balancer — Keep your checkbook up-to-date and in balance.
Quiz Machine — Create your own multiple-choice quizzes.
Trivia — How many trivial answers do you know?
Text Window Demo — Learn how to create and use a text window.
BASIC PRINT Demo — Brush up on INVERSE and FLASH, among other things.
Good Music — Some computer-easy listening for your relaxation.
Just a Myth — Find out how much or how little you know about mythology.
Cookbook Revisited — An update of our famous cookbook.

ISSUE #13 (One 5.25" Disk)

Hi-Res Movie, Part 1 — The first hi-res movie to appear on disk!
Matchmaker II — Teachers, generate matching tests for your students.
Jukebox — No coins are required to hear a song!
Invaders — An arcade game sure to keep your interest.
NIMbot — A variation on the theme of **NIM**.
Roadrace — Keep your car away from the retaining walls!
Bug Finder — Bugs and exotic creatures pop up everywhere!
Whoops & Fidgets — Watch in amazement as your Apple really does its thing!
SCRN Dump — Dump an entire screen of text to your printer.
Q&D RAT — A handy utility for reading any text file.
Figure Drawer — Create and color circles, spirals and other geometric figures.
Shoplist 3.1 — Take this list with you when you go shopping, and you won't forget anything!
Amortization — Find out how much a loan is really going to cost you.
Equip Lister — Save a list of items to the disk and print them out.
Astronomy Quiz — See if you have what it takes to become an astronomer.
Hi-Res Solar System — You'll think you're in orbit when you run this one!
DOS Tutorial — Your computer knows DOS better than anyone!
Spectrum — Find out what the colors mean.
Simpson — Use Simpson's rule to make calculus easy.
Graphing Functions — Let your Apple do the work and graph your functions for you.
Slide the Letters — Learning about the alphabet is as easy as A,B,C!
Match the Pitch — A sound activity definitely not for the tone-deaf!

ISSUE #14 (One 5.25" Disk)

Othello II — Another version of the ever-popular **Othello**.
A-Maze-ing — Try to find your way through *this* maze!
Life — An old favorite is resurrected!
Towers of Hanoi — A modern version of a game which has been around since at least the 1880's.
Crazy Stones — Gather family and friends and all go "crazy" together!
Paddle Mushroom Garden — Find out how your mushroom garden grows.
Master CATALOG — A utility for cataloging all your disk CATALOGs.
File Code Changer — A quick way to change all your file codes and confuse whomever needs confusing.
Financial Wizard — Financial help for anyone who spends money.
Word Power — Add your own words to this vocabulary-building quiz.
TMH Subs — A whole group of useful routines for various tasks.
Hi-Res Movie, Part 2 — Follow the continuing adventures of Indiana Jones.
Christmas — The best way *ever* to send your Christmas cards!
Christmas Special — A card made "special" by its music and graphics.

ISSUE #15 (One 5.25" Disk)

Riddles — All the answers are right before your very eyes!
Logic Problem Solver — Solving logic problems does not have to be difficult.
Crystal Simulation — Learn about crystals and their structure by actually seeing them!
Polar Plot — Plot equations with this educational aid.
Counter — Another useful tool for teachers.
Horoscope — Decide if what it says about you is true.
BioPlot Scribe — Get a beautiful printout of your biorhythm chart.
Disk Verify — Find and lock out bad sectors on your disks.
Hex-Dec Converter — Convert from hex to decimal the computer-easy way.
Boot Program Changer — Change "HELLO" to anything you want.
RAM Test — Make sure you don't have a bad chip in your Apple.
Kaleidoscope — Watch beautiful graphics designs appear on your screen.
Stars One-Liner — Display random-sized stars randomly!
Number Take-Off — Either you or your Apple will win, hands down!
Craps — A hi-res version of the popular dice game.
Hangman — A lo-res version of the classic game in which you or your computer can choose the words.
Othello III — Practice playing with a patient, forgiving opponent — your Apple!
The Incredible Shrinking Man — A hi-res adventure that will keep you thinking.

ISSUE #16 (One 5.25" Disk)

LIST in Applesoft — Study this program and learn how Applesoft programs are stored in RAM.
Fun with Math! — A math drill using lo-res graphics.
Recipe Proportions — A real kitchen-aide of a program!
Phone List — A search program you can use even if you know only the first letter of the name.
Mailing Labels — A helpful application for sorting, editing, and printing labels and a master list.
Lucky Numbers — Display computer-selected random numbers.
Prediction Program — You will have to decide if predictions made are *really* possible.
Text Editor — Edit, format, and compile text into two columns.
LHS Disk Map — View all sectors on your disk in glowing lo-res color.
MEMDump — Display a range of memory on-screen in hex and ASCII.
Restore @ — A machine language routine which RESTOREs the DATA statement pointer to a specified line.
Name Faze — Print randomly a string on-screen.
Electric Eraser — A really *different* text editor!
Hopper — A strategy game that appears impossible to win.
Vac-Man — An unusual game, the likes of which you have never seen!
Ten-Minute Recital — Take a break and listen to some music.
Sound Effects — Unique sounds you may want to include in your own programs.

ISSUE #17 (One 5.25" Disk)

Say That Again Quiz — The first in a series of quizzes from ***Games Magazine***.
Compiler Demonstration — View the actual difference between a compiled and an uncompiled program.
Program Locator — Find memory space information on a BASIC program.
Variable Keeper — Protect your variables and strings from the CLEAR and RUN commands.
Greek Column Tutorial — An illustrated article on Greek columns and an excellent example of CAI.
Spelling Tutor — A hi-res **Hangman**-like game with an editor for adding your own words.
Doctor — A trip to the doctor's office should be so inexpensive!
Calendar — Print or display a calendar for any month or year.
Helioselene — Of particular interest to astronomy buffs everywhere!
Integer BASIC — A free-standing version that doesn't need to be loaded into a RAM card.
DOS Chopper — Free up more data disk space by getting rid of DOS.
Modem Program — Never dial another number if you have this program and a Hayes Micromodem.
Color Slot Machine — An integer BASIC version of an old favorite.
Guess It — A guessing game with a difference!
Tic-Tac-Toe — The classic strategy game in hi-res graphics.
Toccata & Fugue — Another musical feast for the ears.
Bowden's Adventure — A hi-res game to enthrall you.
Hello! My Name is "Apple" — Hear your Apple talk — with *no* speech card required!

ISSUE #18 (Two 5.25" Disks)

***The Quest* Demo** — A self-running demo of Penguin Software's hi-res adventure game.
Recipe File 1.3 — Jim Ganz's perfect program for anyone who cooks.
Saturn Shots — A slide show of digitized hi-res photos from the ***Voyager*** fly-by!
For Bird Brains Only — The answers are all bird names in this ***Games Magazine*** quiz.
Fast Hi-Res Erase — Erase to any hi-res color, *not* just to black!
INPUT Anything Demo — Commas, colons, or quotes can be accepted with no problem!
Interactive — A tutorial on prompts and INPUT to improve your programs' user-friendliness.
Multiplication Flash Cards — A quiz which saves missed problems to disk for future review.
Addition & Subtraction Drill — A quiz which also saves missed problems to disk for future review.
Lo-Res Painter — Draw, store, and edit lo-res pictures with plenty of colors!
Text File Reader — Display or print any text file, sequential or random.
Line Number LISTer — List out all the line numbers in your program in four easy-to-read columns.
Trace — An ML routine which simulates the old monitor's "T" command for the autostart ROM.
Apple II Copy — A combination Applesoft tutorial and utility.
Hi-Res Drawing — Draw on the screen and save your pictures for later editing.
MX-80 Print Modes — Choose Epson print styles from an easy-to-use menu.
IBM One-Liner — A beautiful hi-res graphics display generated by only *one line* of Applesoft BASIC code.
3-D Tic-Tac-Toe — Play against the computer on a hi-res screen.
Even Wins — Try to win 32 times as your Apple gets smarter and smarter.
One Foundation — ***Softdisk's*** first hi-res solitaire game.
Q&D Duet — Jim Weiler's *Electric Duet*-compatible two-voice music editor program.
Puzzle Corner — Arrange 16 matches as five squares, or move two and get four squares.
Back Issue Index — All program files from the first 17 issues of ***Softdisk*** in one index.
Q&D RAT — A new and improved version which now reads all text files even better than before!
21 PAL Programs — Now we call them "Pipings".

ISSUE #19 (Two 5.25" Disks)

The Last One Demo — A self-running demo of a program generator.
Horseplay Quiz — The third in a series from ***Games Magazine***.
Hi-Res Text Tutorial — Learn how to put text on the hi-res screen.
Nuclear Reactor — You will discover that running a nuclear reactor is not easy at all!
Function PLOT — A useful educational program for plotting all kinds of functions.
Citric Acid Cycle — An unusual application for your Apple.

ISSUE #19 (Continued)

The Metric Clown — Be entertained and learn the Metric system at the same time.
Mini Quiz: Planets — Find out just how much you know about the solar system we call home.
Time of Your Life — Receive an estimate of which factors affect your longevity.
Typing Exerciser — Do your finger exercises and start typing!
Text Analyzer — Let the computer evaluate the reading level of what you write.
REMover — Remove REM's to speed up and condense your programs.
Sector Scan — Display a map of your disk to your screen.
Applesoft-to-Text Converter — A converter which will prove useful for merging, editing, or sending by modem.
Disk Modifier — Change any byte of any disk sector.
Graphics Display — Let your Apple be the show-off it can be!
Red Dog — Play this Las Vegas-style game in the comfort of your own home.
Snake Snack — Keep your snake alive by making sure he has his snack.
French Military Game — A strategy game in which your computer learns from its mistakes.
Page-Flipping Tutorial — Learn how page-flipping can improve animation.
For the Wee Ones — An alphabet game for the little ones in your family.
***Muppet Movie* Music** — Eight musical selections from the magical movie.
12 PAL Programs, Hints, and Tips — More of what we are now calling "Pipings."

ISSUE #20 (Two 5.25" Disks)

A Tip from Sandy — Get some interesting results while learning to use lo-res graphics and text.
Apple Hangman — A multi-level version of the standard letter game.
Vocabulary Flash Cards — Expand your vocabulary the easy way.
Keyboard Tutor — A typing tutor which utilizes your hi-res screen.
Checkbook Checker — Get your checkbook in sync with the balance on your bank statement.
Color Organ — When you press a key, see a color and hear a sound!
Master Program Index — A program to help you keep up with all your *other* programs.
CATALOG Organizer — Sort your catalog and get rid of deleted files.
Super-REM Plus — Create custom REM statements.
Variable Shorten — Shorten variable names to two characters and speed up your program.
Apple Simon — A lo-res version of the popular electronic game.
Apple Mastermind — Try to guess the number the computer has chosen.
Kalah — An interesting game for you to play against the computer or a friend.
Apple Kong — A fast-action lo-res arcade game.
Applesoft from the Ground Up, Part 1 — A tutorial by Dallas Snell, author of **The Quest** and **Ring Quest**.
Classical Music — Some easy-listening music for your enjoyment.
Brian's Theme Plus — This interesting variation will get your attention!
Accounts Payable* Quiz** — The fourth in the series from ***Games Magazine.

ISSUE #21 (Two 5.25" Disks)

Donkey or Elephant? — Discover your *true* political leanings.
Computer Vocabulary — Learn computer-related terms with the vocabulary builder.
Word Game — A two-player anagram game.
Home Ledger — Keep track of your home accounts.
Date List — Let your computer keep track of your appointments.
Sector Transfer — Copy just the sectors you want with this utility.
HRCG Editor — Edit character sets created with HRCG and the DOS Tool Kit.
Text Path — Lead your text around.
Zonker Bonker — See if you can figure out the object of *this* game!
Think Ahead — Compete against the computer or a friend in this strategy game.
Space Lander — Land on an alien planet, but watch out for enemy missiles!
Machine Magic, Part 1 — A new tutorial series on machine language.
Applesoft from the Ground Up, Part 2 — Dallas Snell's Applesoft BASIC tutorial continues.

ISSUE #22 (Two 5.25" Disks)

Delay Routine — A tutorial on the writing of a delay routine.
Mountain Climb — A fun way to practice your addition.
The Mystery — Only one word will help you: *beware!*
Index of CATALOG Files — Your computer will keep track of all the programs you have collected.
Parapsychology Tester — Find out if you have E.S.P.
Gas Mileage — Figure out how economically you are running your car.
Ard's Screen Maker — A utility for creating interesting-looking text screens.
Cosmic Hangman — An arcade game with a difference!
Submarine War — Sink the enemy sub.
Maze — Wend your way through an intriguing maze.
Apple Sketch — Sketch your pictures on the screen, then save them to disk.
FIDget — An improved version of **FID**.
Machine "Magic", Part 2 — Our tutorial on machine/assembly language continues.
Applesoft from the Ground Up, Part 3 — Our Applesoft BASIC tutorial continues.

ISSUE #23 (Two 5.25" Disks)

Hi-Lo — View your lo-res pictures in print.
Blip Is the Blap of Bleep — An opportunity for you to create your own aphorisms.
Edison — A new computer language.
AppleWait — A tutorial about a helpful machine-language routine.
AUTOnumber — Save yourself from the drudgery of line number entry.
Text-Tricks — Spice up your screen display with this set of programs.
F-Solitaire — Shuffle the computer cards and try to win.
Applogic — Use logic to guess five-letter words.
Animated Anagrams — Watch hi-res letters move, but remember: you must guess the word.
Evolution — Two versions based on Conway's **Game of Life**.
Factors — Compute the integral factors of a number.
Right Triangle — Review finding any side in a right triangle.
Equipment Inventory — Keep track of all your equipment.
Package Mailing Labels — Print labels for packages in two different sizes.
Machine Magic, Part 3 — Our tutorial on machine/assembly language continues.
Applesoft from the Ground Up, Part 4 — Our Applesoft BASIC tutorial continues.

ISSUE #24 (Two 5.25" Disks)

Auto Program — Write a menu-driven program in half the time!
Hi-Res Image Mover — Move an image around on hi-res page one.
Display Variables — Display variable names *and* values in your BASIC program.
NIM — A hi-res version of the old favorite that is really hard to beat!
Rat Maze — Find out what it is like to be a rat.
Blackjack — Your Apple might win the shirt right off your back!
Killer Bat — A chiller for Halloween, or any other time!
Dungeon of ARBEGLA — An adventure game you can really learn something from.
Language Flash Cards — Learn Spanish, French, Hawaiian, or another language you don't know.
Charge — Find out what it feels like to be a particle in an accelerator.
Family Budget — Keep track of your expenses.
Flexible Amortization — A program to tell you if you can afford to buy your dream house.
It's a Small World After All — All this, and music and graphics, too!
Machine Magic, Part 4 — The machine/assembly language tutorial continues.
Applesoft from the Ground Up, Part 5 — The Applesoft BASIC tutorial continues.

ISSUE #25 (Two 5.25" Disks)

CATALOG Tool — A utility for making professional-looking CATALOGs.
CATALOG Printer — Make the printed CATALOG look just as fancy as the screen version.
RAM Disk — Now you can have a small *extra* drive!

ISSUE #25 (Continued)

Cycle Jump — Try to jump your cycle as far as possible — before crashing!
Monte Carlo — One of the best solitaire games around.
Linear Grapher — Plot and analyze linear equations.
Basic Math — Get ready for a surprise with this math drill.
Countries & Capitals — Your atlas will probably come in handy in this geography drill.
Alarm Clock — Transportability is *this* clock's only problem!
Strobe Light — Discover that your Apple is *almost* as good as a $200 xenon strobe.
Notebook — A personal notebook that never runs out of paper!
Glue Guide — Learn which glue works best with what.
Coupon Manager — Keep track of store coupons the easy way.
Christmas Music — Make your Christmas season brighter!
Machine Magic, Part 5 — The conclusion of our tutorial on machine/assembly language.
Applesoft from the Ground Up, Part 6 — The conclusion of our tutorial on Applesoft BASIC.

ISSUE #26 (Two 5.25″ Disks)

Notebook — A unique program which saves data by modifying itself.
Built-In Base Converter — Convert decimal to hex without leaving your program.
Significant Digits — Line up decimal places in numerical data perfectly.
DOS 'n' Stuff, Part 1 — A tutorial series about writing on and reading a diskette.
History of the Computer, Part 1 — A humorous spoof on the origin of the computer.
Sandy's Laws — Murphy's Laws applied to home computers.
Household French — A pictorial lesson.
Trap — Be quick with your paddle and avoid moving walls.
Breakout — A fast machine language version of the popular game.
The Heaven Hunt — Find out if you know your Bible as well as you think you do.
Stocks — Get your portfolio in order and save data to disk as well.
Calendar — Print a calendar for any month since 1753 on printer or screen.
***Softdisk* Envelope Maker** — Cut and paste your own disk envelope with hi-res pictures.
Touch Typing Tutor — A much better approach to improved keyboard skills than Typing 101!
Function Keys — Your Apple can have function keys, too.
Variable Display — View all variable values after RUNning your program.
Disk Edit — A useful disk utility from Chad Adams.
Program Menu — A self-modifying menu program.
Sounds of Apple — Some great music created the Apple way.
Back Issue Database (1983) — A listing of all programs in 1983 issues of ***Softdisk***.

ISSUE #27 (Two 5.25″ Disks)

Poker Solitaire — Play several interlocking poker hands at once.
Concentration — A version of the popular match-the-squares TV game show.
Twenty Easy Pieces — A hi-res jigsaw puzzle.
Fiver Dicer — A Yahtzee-like computer game.
Diet Program — Weight schedules based on calories, activity, weight, and other variable factors.
Fact Sheet — A friendly Rolodex-like filing system.
Cosmic Rebound — A lo-res graphic novelty to amuse you.
Copy+ — An improved version of Apple's COPYA.
Doctor Dave — An educational program for learning the parts of speech.
Gas Law Problems — An educational chemistry program.
Flip-Spin-Twisties — Dress up your screen with flipping batons a la Beagle Bros.
General Ledger Tutorial, Part 1 — Write your own general ledger system.
Random-Access Files Tutorial — How to build your own disk files.
Q&D Track Copier, File Overlap Checker, and Disk Scanner — Use these utilities when a disk goes bad!
FatCAT — Increase the number of files allowed on a disk's CATALOG.
DOS 'n' Stuff, Part 2 — The DOS 3.3 tutorial continues.
History of the Computer, Part 2 — Our humorous history spoof continues.

ISSUE #28 (Two 5.25" Disks)

Time Bomb — A timed "which came first" quiz game.
Light Racers — A two-player game based on an idea from the movie "TRON."
Chomp — A two-player game similar to **NIM**.
Flash Cards — A flashy hi-res math drill for students in lower grades.
Calculus Plotter — A very powerful tool for producing graphical plots of mathematical functions.
Reading Analysis — Use the Gunning Fog index to determine the reading level of text material.
Secret Stuff — Keep a diary on your Apple that only you can read.
Anti-Scroll — Add an automatic "pause until keypress" to any program.
HCATALOG Sort — Quickly alphabetize your disk catalog.
Q&D Disk Compare — Check two disks byte-for-byte for similarities or differences.
Q&D Page Display — View memory in either ASCII or hex under joystick control.
Personality Test — Tell the doctor your favorite colors and he will tell you all about yourself.
AutoSound — Add sound to almost any Applesoft BASIC program.
LIST Messers — A good-for-nothing Apple quirk!
Apple Jam — A reversal of **Apple Juice.**
General Ledger, Part 2 — The business programming tutorial continues.
History of the Computer, Part 3 — Our humorous history spoof continues.

ISSUE #29 (Two 5.25" Disks)

Middle Earth Quiz — A delight for all Tolkien fans.
Family Tree Surgeon — Trace your roots — your genealogical roots, that is.
Hi-Res Image Mover — A graphics tool which rivals higher-priced ones.
Hungarian Light Show — View these images and decide on your own description.
Double Talk — Record voices and music on disk and play them back from BASIC.
Tri-Solitaire — A hi-res card game for all solitaire buffs.
Answer Sheet Generator — The answer to a teacher's prayer!
Message Center — A valuable disk-based bulletin board system.
Braille Writer — Mental stimulation for the sight impaired.
Hex Window — Perform decimal-hex conversions without leaving your program.
Screen Design Tool — Bat out the "look" of a screen before your program it.
Saint Pat — Timely music of the green.
VisiCalc 1040 Template — A helpful utility, deductible on your 1040!
BASICgraph — Generate bar and pie charts with this utility, courtesy of ***Softalk Magazine***.
T-Dump — Add a new command to DOS to dump text files anywhere at any time!
General Ledger, Part 3 — Our tutorial on business programming continues.
DOS 'n' Stuff, Part 3 — The DOS tutorial continues.
History of the Computer, Part 4 — Our humorous history spoof continues.

ISSUE #30 (Two 5.25" Disks)

Stress Test — Let Drs. Holmes and Masudu compute your social re-adjustment factor.
Apple Detective — An Apple version of "Clue."
Loan Planner — A much better method than those little books filled with numbers.
Vocabulary Builder — Prove that "words are power" is true.
Typing Tutor — Improve both the speed and accuracy of your typing.
Ocean of Life — An analysis like this one could cost thousands of dollars!
Ledger — Tame your expenses and document your income.
Order Blank — Produce your own customized order blanks.
Sector Editor — Programmers can certainly use this utility!
Factor Polynomials — An aid for algebra students.
Crypto Helper — A puzzle-solving tool for cryptogram lovers.
High Score — Keep track of who scored what when.
Popcorn Billboard — Place an attractive, large-type message on-screen.
Slot Machine — A lo-res one-armed bandit.
Minotaur — Navigate a maze and grab crystals while avoiding the Minotaur.
Softy Says — You better do what he says, too!

ISSUE #30 (Continued)

Burton's Music — Four different two-voice compositions.
General Ledger, Part 4 — The tutorial on business programming continues.
DOS 'n' Stuff, Part 4 — Our DOS tutorial continues.

ISSUE #31 (Two 5.25″ Disks)

Stock Market Crash — A game so realistic you might be tempted to jump out the window — but don't!
Computer Roulette — Basic training for your trip to Las Vegas.
Take Thirteen — Another super solitaire game using Paul Zelman's hi-res deck.
Flag Hunt — Finding a hidden flag is more difficult than finding Easter eggs.
Rate Exchange — Print out an up-to-the-minute money exchange chart.
Notepad I.D. — Satisfy your human need for order and organization.
Prescription Expenses — An aid to better prepare you for April 15.
Print Modes — Discover *all* the features of your printer with this program originally designed for the Gemini 10-X.
BASIC Transitions — Put an end to boring slide shows.
Q&D PrintAll — Print out all sequential text files from *any* DOS disk automatically!
Monster Lair — Enter a maze forty times bigger than your screen!
File Wizard — A handy tool from Gary Bond.
General Ledger, Part 5 — An inadvertent duplication of Part 4 in this series.
DOS 'n' Stuff, Part 5 — An inadvertent duplication of Part 4 in *this* series!

ISSUE #32 (Two 5.25″ Disks)

Millennium Leaper — Prove our contention that this game is in the same league as **Donkey Kong**.
Three Musketeers — An original card game using Paul Zelman's famous card shapes.
U.S. War — In this East-against-West conflict, it helps to be Napoleon reincarnated.
Times Table Tutor — A multiplication drill featuring sound, color, and giant numbers.
Geometry Quiz — You may discover that today's high school tests are not what they used to be.
Marginal Tax Bracket — Tax estimation and interest rates on taxable and untaxable investments.
Job Preference — An occupational guidance tool.
Day's Slide Show — All interesting art is not in the art museum!
DOS 'n' Stuff, Part 5 — The DOS tutorial continues — *really!*

ISSUE #33 (Two 5.25″ Disks)

Olympic Directory — "Track" the events and compare the 1984 winners with those in 1980.
Olympic Pinball — A fine example of a game created with Bill Budge's **Pinball Construction Set.**
Grade Book — Store data for up to 100 students and 60 tests!
Data Master — Graph numeric data to your hi-res screen, and dump it to most graphic printers.
Weights & Measures — A program to replace your entire reference library on the subject!
Heat Stress — Prove that humidity can make it seem hotter than it really is.
Mastermind — The computer version of the popular logic-puzzle game.
Picture Runner — Save a hi-res picture so it will present itself automatically when BRUN.
Grappler + Dumper — An aid for dumping pictures with the Grappler printer interface.
Q&D CATALOG Label Printer — Print your entire CATALOG onto a diskette label in tiny letters.
General Ledger, Part 5 — The tutorial on business programming *really* continues!
DOS 'n' Stuff, Part 6 — The DOS tutorial continues.

ISSUE #34 (Two 5.25″ Disks)

Snake Duel — Navigate your snake through a maze without letting the *other* snake bite you!
Yacht — A fine computer version of **Yahtzee**.
Reel Facts — A collection of Academy Awards facts for the true movie fan.
On This Date — Your Apple remembers almost any historical date you can come up with.
National Anthems — A dozen hi-res national flags complete with music.
Surprise — We all wonder what lies beyond a closed door.
Tads — A fundamental math drill.

ISSUE #34 (Continued)

Number Conversion Tutorial — Computers have 16 digits, all comprised of 0's and 1's.
General Ledger, Part 6 — The business programming tutorial continues.
DOS 'n' Stuff, Part 7 — The DOS tutorial continues.

ISSUE #35 (Two 5.25" Disks)

Spelling Drill — Improve your spelling skills and receive an "A" as in "Apple".
Home Inventory — Keep a record of your possessions for insurance, warranty, and other good reasons.
Babysitter's Notes — Yet another task your Apple can help you with!
Baseball Adventure — The gate proceeds are hidden somewhere in the stadium!
Connect-a-Disc — Crank up your brain and think ahead in this teaser.
Take-Ten — A fun solitaire game using Paul Zelman's hi-res card shapes.
The Great Gamble — Not as much fun as Las Vegas, but not as expensive, either!
Nutrition Facts — Consider these facts when you design your diet.
Cosmic Calculator — A "circle-area" key is one your handheld calculator doesn't have!
Tell Time — Teach tots how to tell time the old-fashioned "big hand/little hand" way.
Population — A statistical projection program.
Temperature Converter — View your conversions in graphic form.
PRINT Craziness — A printer setup program for Epson and work-alike printers.
Day's Slide Show #2 — You will surely agree that Day is a real artist!
Family Tree Revisited — An improved version of our previously-published genealogy program.
General Ledger, Part 7 — The tutorial on business programming continues.

ISSUE #36 (Two 5.25" Disks)

Alfredo's Lost Cause — The adventure which inspired a later series of computer-animated cartoons.
Olympic Tribute — A pictorial tribute to the 1984 Los Angeles Summer Olympics.
Spelling Drill — Another entry in a continuing series of seemingly-impossible words to spell.
Nominee '84 — Find out if you have the right stuff to lead our nation.
Othello — A lo-res version of the popular board game that's hard to beat!
Bingo — Throw an Apple bingo party without worrying about losing cards or numbers.
Jeepers — Avoid being stomped by the jeepers, creepers, and devils in this different arcade challenge.
Positive Person — Find out just how positive your outlook on life really is.
Visible Bubble Soft — See a sort in action and learn to write one of your own programs.
Little Black Disk — Throw away your little black book.
Checkbook Balance — Figure out exactly where all your money went!
Array Display — A great debugging utility which can list all the string and real variables in your program.
McKnew's "HELLO" — A completely automated program to allow easy one-key selection of other programs.
UnNEW — Recover a program accidentally lost by NEWing.
File Encoder — Encode your files to allow only authorized persons to access them.
DOS 'n' Stuff, Part 8 — Our DOS tutorial continues.

ISSUE #37 (Two 5.25" Disks)

Golf — Get out your clubs, then drive and putt to your heart's content.
Slime — Save the earth from its destruction by ravaging slime.
Q&D Fer Sure Init — Initialize your disk *and* lock out bad sectors.
Election Night — Have the same chance as the newscasters to forecast the Presidential election results.
Library Adventure — Explore the planet of Librarium in this unique adventure game.
Snoopy Calendar — The perfect combination for the start of a new year: a new calendar and Snoopy!
Wind Chill — Find out how cold it *feels* in spite of the temperature reading.
Needlework Calculator — A must for those who do cross stitch, needlepoint or latch hook.
AmperHelper — Use the "&" statement to make your life easier.
Santa Ball — A pinball game with a Christmas theme!

ISSUE #37 (Continued)

Santa Story — Re-live an old favorite on your Apple.
Number Conversion II — Learn to convert numbers in machine language in this tutorial.
Graphics Fantasies 1 — The start of a tutorial series on graphics and sound programming.
Spelling Drill — Another chance to improve your spelling.
Dabble — Improve your vocabulary and spelling skills and have fun at the same time.
General Ledger, Part 8 — The business programming tutorial continues.

ISSUE #38 (Two 5.25″ Disks)

Lair of the Necromancer — Destroy the evil Necromancer and win fortune in this adventure.
Recollect — The ***Softdisk*** way to play **Trivia**.
Satellite TV — Everything you ever wanted to know about choosing a satellite antenna.
Branch Lister — A utility which cross-references GOTOs, GOSUBs, and other branches.
Disassembled to Text — Capture an ML program in a text file for easy editing.
Electric Zoo — Type in your name and — *voile!* — strange animals appear on the screen!
Kindergarten Keyboard — A youngsters' introduction to the keyboard and colors.
Farkle — An unusual dice game for up to six players.
BananaSmusher — Clear the fruit off three levels and you'll win this lo-res arcade game.
Keyboard Invasion — Shoot down attacking letters in this multi-level game.
ML Twisties — No programmer should be without this collection of machine language cursors.
Spelling Drill — More spelling words to challenge your ability.
Dabble — Accept the challenge of unscrambling letters to spell words.
Name Them Tunes — Test your ability to recognize musical selections in this two-player game.
Graphics Fantasies, Part 2 — The graphics and sound tutorial continues.
General Ledger, Part 9 — The business programming tutorial concludes.
DOS 'n' Stuff, Part 9 — The DOS tutorial continues.

ISSUE #39 (Two 5.25″ Disks)

Fiddler on the Disk — Listen to square dance music and learn about some of the instruments used.
Q&D CAT Tool — Organize and customize disk CATALOGs.
Carol Day's Slide Show #3 — Another great collection of hi-res pictures from a very talented artist.
Q&D Gemini Stuff — Get help in setting up your Gemini 10-X printer and in downloading customized fonts.
Scrambled Words — Choose a category, then unscramble letters to spell related words.
Spelling — Enter your own word list and master it with the help of your Apple.
The Big Balance — A unique quiz game in which knowledge tips the scales of balance.
Counted Cross Stitch — Eight new patterns which can be adapted for needlepoint and other uses.
DOS 'n' Stuff, Part 10 — The DOS tutorial continues.

ISSUE #40 (Two 5.25″ Disks)

Poe Adventure — Reading Edgar Allen Poe gives you an edge in this adventure.
Heart Beat — Your Apple explains what those squiggly lines on the EKG heart monitor mean.
Apple Piano — Use a hi-res keyboard to create music for your own BASIC programs.
Packer/Unpacker — All the details on how to pack and unpack hi-res pictures.
Waves — Graph six trigonometric functions on a hi-res screen.
Cassette Labels — Make custom audio cassette box labels on your printer.
Read CATALOG — Place your DOS CATALOG into a text file which can be read from BASIC.
Hangman — A version of the popular word game to which you can add your own word list.
BFile Modifier — Search and change bytes in a binary ("B"-type) file.
Memory Dump — See what is really going on inside your Apple.
Blockout — Win this two-player game by building a wall around your opponent.
Transcript Evaluator — A useful tool for all educators.
Recollect — Test your memory on TV shows and literary works.
Buss' Slide Show — A collection of seven beautiful hi-res pictures for you to enjoy.
Dabble — Improve your vocabulary and have fun with this new group of words.

ISSUE #41 (Two 5.25″ Disks)

Aviation Software Reviews — Reviews and demos of flight planners and simulators.
Basketball Stats — Figure free-throw percentages, performance figures, and more!
State Quiz — A quiz that's for the birds — state birds, that is!
Case Converter — Write UPPER and lowercase instructions that can be read on any Apple.
Digit Game — Use clues to solve this game of deductive logic.
Box Puzzles — Solving these puzzles depends on how you look at them.
IQ Test — Common sense counts for more than a degree in this test!
Absentee List Printer — A helpful print utility for any school secretary.
Printer Style — A set-up program for a variety of printers, including the ImageWriter and ProWriter.
Breakout II — Change the colors to suit your mood in this version of an old favorite.
Life Expectancy — Your Apple may know something you don't — like how long you may live!
MathFacts — A timed drill and practice in addition and subtraction just perfect for youngsters.
All About Apples, Part 1 — A new series on advanced programming techniques.
Graphics Fantasies, Part 3 — The graphics and sound programming tutorial continues.
DOS 'n' Stuff, Part 11 — The DOS tutorial — including Part 1 of **Bits 'n' Bytes** — continues.

ISSUE #42

Blast — Use your joystick to maneuver and blast the alien ships.
Spellbound — A flashcard-type spelling drill which really tests your spelling abilities.
Plus Tax — Figuring sales tax does not have to be a bother.
Q&D File Compare — Find out if two versions of the same file are identical.
Bugs — The little creatures are out to get you in this two-level game.
Road Map — Your road construction skills are put to the test in this challenging two-player game.
Window Words — Test your knowledge of the parts of speech.
Trivial States — Find out how much trivia you know about the state in which you live.
Typewriter — With your Apple, a printer, and this program, you won't *need* a typewriter!
Print Shop® Envelopes — Print envelopes for the nice cards Brøderbund's Print Shop program produces.
ALGAE — "Averaging Letter Grades Accomplished Easily" frees teachers for important work!
BASIC Programming Forms — Plan your text, lo-res, and hi-res screens out in advance.
Music of Erin — A musical salute to the Irish accompanied by pictures.
All About Apples, Part 2 — The series on advanced techniques continues.

ISSUE #43 (Two 5.25″ Disks)

Aces Up II — Another great solitaire game from Paul Zelman!
Flexi-Graph — Display all sorts of information on your screen — *fast!*
Foil Theory — Learning about binomials is easy.
CATALOG Sort v2.0 — Alphabetize your CATALOGs even faster with this improved version.
Rainbow Game — Try to place four different colors in a row.
Cardio-Pulmonary Resuscitation — A multiple-choice test for a review of CPR procedures.
Rhymer — Find a word to rhyme with almost anything!
Custom Characters — Create your own custom character sets for your printer.
Make Disk DOSless — A utility for freeing up extra space on your data disks.
Astronomy Programs — A collection of *fourteen* programs for aspiring Carl Sagans.
Alfredo's Transport Troubles — Part one of the second of Alfredo's animated adventures.
Mathematical Reflections, Part 1 — A new advanced math series.
Bits 'n' Bytes, Part 2 — The tutorial on advanced topics continues as a separate series.
All About Apples, Part 3 — The series on programming hints and tips continues.
Graphics Fantasies, Part 4 — The graphics and sound programming tutorial continues.
DOS 'n' Stuff, Part 12 — The DOS tutorial continues.

ISSUE #44 (Two 5.25″ Disks)

Forest Fire — Water and firebreaks are your only tools to put out this lo-res forest fire.
WordSearch — Create your own word-search puzzles for school or just for fun.

ISSUE #44 (Continued)

Print Shop® Graphics Library — Twenty-four new Print Shop graphics, including "Q&D PS Imager."
Product Reviews — Twelve product reviews, including Penguin Software's **Sword of Kadash**.
Yahtzee — Watch the dice roll and choose wisely to get the best score.
Quik-Kalc — See how well you can add numbers in your head in this hi-res drill workout.
Animal Personality — Find out if there is an "animal" hidden in your personality.
Zoo Picture Maker — A printer routine for **Electric Zoo** which can also print any binary text screen.
Music Cassette Label Maker — A specialized program for special needs.
HELLO Customizer — A HELLO program that could double as a menu program.
Border Maker — Add interest to your instructions and title pages.
Holy Moses — Find out just how well you know the Ten Commandments.
Alfredo's Laser Lament — The conclusion of the animated cartoon, **Alfredo's Transport Troubles**.
Mathematical Reflections, Part 2 — The advanced math series continues.
Bits 'n' Bytes, Part 3 — The series on advanced topics continues.
All About Apples, Part 4 — The series on programming hints and tips continues.
DOS 'n' Stuff, Part 13 — The DOS tutorial continues.

ISSUE #45 (Two 5.25″ Disks)

Necromancer's Revenge — A sequel to **The Lair of the Necromancer**.
Q&D Lesser Text — Read "All About Apples"to learn how to put text on the hi-res screen.
Poker Squares — A card game which can be played competitively *or* solitaire-like.
Compsort — A comparison of sorts — eight different sorting routines, that is.
Alfredo's Digestive Dilemma — The third in our series of computer-animated cartoon adventures.
Gobble — A timed grid-word game for the whole family.
Jupiter — Plot and learn about the moons of the great planet!
MegaBucks — Pick lottery numbers and learn about random numbers.
Lo-Res Graphics Utilities — A lo-res drawing program and a lo- to hi-res picture converter.
Recollect — Some new, challenging trivia questions for you.
Print Shop® Graphics — A new collection of graphic images from our artists.
We're Being Nosey! — We want to know all about *you* and your Apple!
Mathematical Reflections, Part 3 — The advanced math series continues.
Bits 'n' Bytes, Part 4 — The series on advanced topics continues.
All About Apples, Part 5 — The series on programming hints and tips continues.
DOS 'n' Stuff, Part 14 — The DOS tutorial continues.

ISSUE #46 (Two 5.25″ Disks)

Mr. Machine — Predict winners and track scores in this football program.
Moon Buggy — Rescue scientists who have been stranded on the moon.
Triple Trivia — Convert your trivia questions into a new game.
Geometry Formulas — *Twenty-three* formulas for finding area, volume, and other information.
Palindrom Squares — A cute novelty to entertain you.
Diamond Draw — A utility for making hi-res drawing easy.
Alfredo's Crushing Curiosity — The fourth in our series of animated cartoon adventures.
Hype Adventure — Mountains, pirates, and lots of fun await you!
Print Shop® Graphics — Fourteen new designs by ***Softdisk*** artists.
Crypto Solver — A *must* for all cryptogram fans!
All About Apples, Part 6 — The advanced programming series continues.
Bits 'n' Bytes Part 5 — The advanced topics series concludes.
DOS 'n' Stuff, Part 15 — The DOS tutorial continues.

ISSUE #47 (Two 5.25″ Disks)

Movie Mogul — Choose the right script and actors, and make millions in the movies!
Arms Race — Find out how well you can plan expenditures in the arms race.
Risky Roller — A dice game in which strategy is the difference between winning and losing.

ISSUE #47 (Continued)

Test Patterns — Following logical rules is easy — *if* you can find them!
Multiplication Helper — Test your basic knowledge of multiplication.
Ancient Greek History — An easy Greek history lesson the hi-res way.
Formula and Molecular Masses — The perfect program to help you with your next chemistry assignment.
Alfredo's Whopping Wattage — The fifth in our series of animated cartoon adventures.
Elections — Register, vote, and tabulate the results in school elections.
Alphabet Game — A fun game for youngsters and Mockingboard owners.
Print Shop® Graphics — More graphics designs sent in by subscribers.
Apple DMP Print Modes — A printer set-up program for the Apple DMP printer.
Printer Behave — A printer set-up program for the MX-100.
Mathematical Reflections, Part 4 — The advanced math series continues.
All About Apples, Part 7 — The advanced programming series continues.
DOS 'n' Stuff, Part 16 — The DOS tutorial continues.

ISSUE #48 (Two 5.25" Disks)

The Phrase that Pays — A game that is more fun, though less lucrative, than "Wheel of Fortune."
Cribbage Squares — Let the computer be your partner and have a hot game!
Bubble Sort Demo — Watch an Apple sort routine in action.
The Envelope, Please — Make envelopes to fit your Print Shop® cards.
The Price Is Right — Determine the right price for your merchandise in this *non-game* program.
ASCII X-Ray Machine — Scan your Apple's memory forward or backward in either hex or ASCII.
Matter of State — Test your ability to recognize U.S. states in silhouette.
Alfredo's Fiery Fiasco — The sixth in our series of animated cartoon adventures.
America's Past Time — Test your knowledge, not of baseball, but of American history.
World Series Trivia — The Series themselves are not trivial, but some facts about them are!
Oki Setup — A set-up for Okidata printers.
Grappler Dumper — Make your Grappler™ card dump graphics to your printer.
The Comet Cometh — All you ever wanted to know about Halley's Comet.
Print Shop® Graphics — Each and every image this month is a contest winner!
Machine Language Spoken Softly, Part 1 — A new machine language tutorial series.
All About Apples, Part 8 — The advanced programming series continues.

ISSUE #49 (Two 5.25" Disks)

Christmas Jukebox — Eleven seasonal tunes with appropriate pictures.
Missing Link — Another top-notch solitaire card game from the master, Paul Zelman.
Alfredo's Hulking Hubris — The seventh in our series of animated cartoon adventures.
Subscriber Reviews — Read opinions about **FX 85, Phantasie, Math Worksheets, Videx AW, Plus Works,** and **D Code**.
Print Shop® Images — Twenty-two fresh and new graphic images for your Print Shop collection.
Bowmen — Try to defeat your arch enemies — the *other* bowmen!
Big Ernie — Answer correctly and help Ernie make it across the canyon.
Runner's Log — Log — and *remember!* — jogging times for different dates and distances.
REMover Plus — Strip out all REMs in your BASIC program and speed up its execution.
The Price Is Righter — A modern replacement for last month's now-archaic markup algorithm.
Computer Eyes — An in-depth look at a new image digitizer.
Halley Horizons — A graphic illustration of Halley's progress through the heavens in '86.
Machine Language Spoken Softly, Part 2 — The machine language tutorial series continues.
Mathematical Reflections, Part 5 — The advanced math series continues.
All About Apples, Part 9 — The advanced programming series continues.

ISSUE #50 (Two 5.25" Disks)

Wormshot — Blast the vermin out of the sky before they devour your meteor shield.
Print Shop® Images — A baker's dozen of more graphic images for your Print Shop library.

ISSUE #50 (Continued)

Tough Guy's IQ Test — Find out how smart you are with this adaptation of the Mensa tests.
Dungeon of the Dragon — Rescue prisoners trapped in time by answering the Wizard's riddle.
Halley's Solar Sojourn — Coverage of Comet Halley's visit continues with the big picture.
***Moebius* Review & Demo** — An exciting overview and demo of Greg Malone's newest role-playing adventure.
Observation — A variation of the familiar "Concentration" game.
Network — A two-player hi-res strategy game
Tomato Therapy — Fill your screen with a kaleidoscope of novelty graphics.
Hi-Res Image Mover — Reverse images left to right, then iron them onto your T- shirts!
Print Shop® Image Flipper — Flip Print Shop images from left to right.
Secret Stuff Decoder — Decode cryptograms with ease!
Back Issue Index — An in-depth look at last year's issues.
Mathematical Reflections, Part 6 — The advanced math series continues.
All About Apples, Part 10 — The advanced programming series continues.
DOS 'n' Stuff, Part 17 — The DOS tutorial concludes.

ISSUE #51 (Two 5.25″ Disks)

Life — A simulation game that shows how bacteria colonies grow according to three rules of survival.
Bingo Construction Set — This program and your Apple are all you need to host your very own bingo game.
Double Solitaire — Play a friend or your Apple in another of Paul Zelman's card games.
No-Res Hangman — Guanozap Software's thrilling version of the old standby.
Alfredo's Nuclear Nuisance — The eighth in our series of animated cartoon adventures.
Subscriber Reviews — Check out opinions of **Felony!**, the **ImageWriter II, Adventure Construction Set, Fontrix,** and more!
Print Shop® Images — "Celebrities" is the theme of this month's fifteen new graphics images.
Self-Evaluation — Analyze your own attitudes on drinking and driving, and perhaps save a life — *yours!*
Freddy the Frog — Join Freddy in the meadow and help him unscramble the letters.
The Voting Game — An illustration of how a random sequence can produce an inevitable result.
Screen Test — Part 1 of a series on animated graphics development.
Vortex II Pinball — Dare the maelstrom with nimble fingers, quick wits, and your trusty joystick.
Machine Language Spoken Softly, Part 3 — The machine language tutorial series continues.

ISSUE #52 (Two 5.25″ Disks)

Wally Wabbit's Cartoon Studio — Part 2 of a series on animated graphic development.
Periodic Table — Acquaint students with the tool for understanding basic chemical concepts.
Custom Drive & DOS — Find out if your drive can read more than the usual 35 tracks.
Softgraph II — A powerful home and business program which creates professional pie, bar, and line charts.
Print Shop® Images — Twenty-six images on a "menagerie" theme.
Area Code Finder — Find the location of any area code, or print a directory of all area codes.
Subscriber Reviews — Check out opinions on **Print Shop Companion, Bard's Tale, Cricket, Notcher,** and **Slalom**.
The Phrase That Pays — Our encore of one of your favorites!
Teacher Utilities — Teachers, create and administer tests *entirely* on your computer!
Machine Language Spoken Softly, Part 4 — The machine language tutorial continues.

ISSUE #53 (Two 5.25″ Disks)

Gallerie d'Art — This month's exhibit focuses on the Spanish painter El Greco.
Choreographer's Corner — Part 3 of a series on graphics animation development.

ISSUE #53 (Continued)

Hi-Res Printing — Mix text and graphics on the same screen by sending text to the hi-res screen.
Alfredo's Mortiferous Mortality — The ninth in our series of animated cartoon adventures.
Wordsmith — Test your vocabulary in this challenging word game.
Through the Looking Glass — Explore the subtle ways computers are changing our society.
Print Shop® Images — Add this potpourri of beautiful images to your Print Shop library.
Old MacDonald's Farm — A fun way for pre-schoolers to learn how to count.
Watch Your Language — Create hilarious mixed-up stories by supplying information before knowing the plots!
Memo Writer — Place your input into memo format automatically.
Subscriber Reviews — Check out **Archon II, Bard's Tale, Copy II, Sensible Grammar,** and more!
Q&D Tiny Menu — A simple, easy-to-use, SMALL menu program.
Biology 101 — A general biology quiz.
Runner's Graph — Keep track of your running progress month by month.
Word Puzzle Generator — Create your own "hidden word" puzzles.

ISSUE #54 (Two 5.25″ Disks)

Haunted House — Strange, dangerous creatures prowl the corridors of a not-so-deserted mansion.
Knockout Trivia — A trivia-twist game which pits you against Rocky Robot in a fight to the finish.
Mental Math — Challenging practice for youngsters in increasing speed in math calculations.
A Capital Idea — An aid for children in learning the U.S. states and capitals.
Gallerie d'Art — Reproductions of and a commentary on the works of M. C. Escher.
Wally Wabbit's Cartoon Studio — The final installment of the tutorial on the creation of animated sequences.
Through the Looking Glass — Discover how your perceptions of computers are changing.
Auto Menu — Make changes to your menus without tedious programming.
All-Base Calculator — Add, subtract, multiply, and divide two numbers in various bases.
Potato Therapy — A series of beautiful, constantly evolving patterns to calm your nerves.
Print Shop® Images — More beautiful images for your Print Shop Library.
Spelling Analyzer — An effective way for students to improve their spelling skills.
Fall Out — Maneuver rows of sliding blocks to undermine your enemy's positions.
***Oo-Topos* Demo** — The latest and greatest hi-res adventure game available from Penguin Software.
Arithmatutor — An educational program for the improvement of the young student's addition skills.
Machine Language Spoken Softly, Part 5 — The machine language tutorial series continues.

ISSUE #55 (Two 5.25″ Disks)

The Tough Guy's IQ Test, Mark II — A tougher-than-usual IQ test sure to test your wits.
Triangle Trouble — A computerized version of the classic peg-game to challenge your strategy skills.
The Watergate Quiz — A quiz which reviews an important, though embarrassing, chapter in American history.
Computer Yahtzee — The classic dice game in a computerized version.
Packed Picture Runner — Display hi-res graphics with minimal use of disk space.
Alfredo's Faulty Finale — The tenth in our series of animated cartoon adventures.
Gallerie d'Art — Reproductions and commentary focusing on the works of Michelangelo.
Wally Wabbit's Cartoon Studio — A demonstration of the plotting routines made available in the **Cartoon Studio**.
Through the Looking Glass — Find out two things all computer neophytes should know.
Matinee Madness — Become a main character in some of Hollywood's classic 1950's horror films.
The Music of Gaspar Sanz — Listen to the music of the 17th-century Spanish guitarist.
Machine Language Spoken Softly, Part 6 — The machine language tutorial series concludes.

ISSUE #56 (Two 5.25″ Disks)

Arcade Boot Camp — The *complete* original hit game from Penguin Software!
The Cash Box — An educational program to help elementary children with their addition skills.
Ditto — Test your ability to mimic a sequence of musical tones.

ISSUE #56 (Continued)

Hostage — You have one hour to free a bank president held hostage by five terrorists!
Case Converter — Convert lowercase files to uppercase for reading by older Apples.
Phone Words — Convert the letters on the phone dial to numbers and vice versa.
Gallerie D'Art — This issue's focus: the works of the 20th-century surrealist, Rene' Magritte.
Through the Looking Glass — An in-depth interview with Ricard Garriott, author of the best-selling **Ultima** series of fantasy games.
Print Shop® Images — Another set of beautiful images to add to your collection.
F-16 Fighting Falcon — An illustrated look at our premier fighter plane.
Impossible Apple Logo — Display colors not normally possible on your Apple!

ISSUE #57 (Two 5.25" Disks)

Pensate — The *complete* chess-like strategy game from Polarware/Penguin.
Born in the USA — A quiz testing your knowledge of U.S. history and geography.
The Video Librarian — A handy database program to get your videotape library in order.
CATALOG Catcher — Convert your disk catalogs to text files.
The Dot Connection — A computerized version of the classic dot game.
Hacker's Holiday — A satiric look at a hypothetical software package with unbelievable features!
User Art — Three outstanding graphics submitted by subscribers: "Miss Liberty," "Prophet," and "The Taj Mahal."
Print Shop® Images — Our "Boys of Summer" theme features logos from major league baseball teams.
Bomb Squad — Stop that ominous ticking sound, defuse the bomb, and save your life!
Pig Latin Made Easy — A translator for the language of fun and silliness.

ISSUE #58 (Two 5.25" Disks)

The Caverns of Freitag — Use your wits and your reflexes to slay the evil dragon in its lair.
Gallerie d'Art — Reproductions and commentary on the Op Art and Pop Art movements.
User Art — Two more outstanding subscriber-submitted graphics: "Marble" and "Ritual Figure."
Print Shop® Images — A new group of images for use with Brøderbund's Print Shop program.
Write a Test — A utility for writing, editing, and printing test papers.
ImageWriter Commander — A menu-driven program to make ImageWriter printer setup a breeze.
Screen Saver + — A simple utility which loads, saves, and displays hi-res graphic images.
The Minus Touch — A subtraction drill for elementary students.
Stress Test — A self-evaluation of the stress factors in your busy life.
Slide 'Em Cowboy — A "tough-as-leather" variation of the sliding-tiles game.
Subscriber Reviews — Check out Software Touch's **Fontworks** and a follow-up on StyleWare's **MultiScribe**.
The Popeye Game — A Popeye trivia quiz for all ye mateys.

ISSUE #59 (Two 5.25" Disks)

Pie Man — Working in an automated bakery is no piece of cake, you will soon discover!
Print Shop® Images — A collection of logos from all 28 NFL football teams.
User Art — Two outstanding subscriber-submitted graphics: "Horn of Plenty" and "Ritual."
Cybermine — Renegade robots threaten a vital mining installation in this text adventure.
Modem Quest: A Baudy Tale — A discussion of life with the "wild modems" and public bulletin boards of North America.
Disk Frisk — A combination disk copier and sector editor.
Image Juggler — Merge two hi-res pictures, and print the results if you have a Grappler™ printer interface card.
Multiple Choice — A multiplication drill for elementary students.
Factor Extractor — A strategy game that also reinforces a student's concept of factoring.
Cassette Label Printer — Print cassette box sleeves with space for 14 titles per side.
Warping Wigglers — A little hi-tech cloud-watching is good for the soul!

ISSUE #60 (Two 5.25" Disks)

Apple IIx (GS) Sneak Preview — A detailed overview of Apple's latest computer.
Turkey Trivia — Little-known facts about a Thanksgiving tradition.
Cornerstone — Learn the basics of the roman numerals system.
Sector Roundup — Map a disk's available sectors.
The Time Zone — Display a table showing GMT and local time for U.S. time zones.
Gallerie d'Art — A look at some of Auguste Rodin's finest sculptures.
Print Shop® Images — Team logos from the National Hockey League.
Cave of the Reaper — A text adventure in which spelunking can be hazardous to your health.
Review — See what we thin of **Deversi-Copy** from Diversified Software Research.
Ranndom Events — A close-up look at developments in the computer industry.
Spy's Demise — Become a clue-solving secret agent in this Polarware/Penguin arcade mystery.

ISSUE #61 (Two 5.25" Disks)

Tornado Tutor — Animations and text offer a close-up look at nature's most violent storm.
Weather Conversions — Calculate the wind chill factor, heat index, or other meteorological data conversions.
Hurricane Tracker — Follow the course of hurricanes across the Caribbean.
Trial Size Toolbox — From Roger Wagner Publishing comes routines for your BASIC programs!
Hacker's Holiday Update — A real program that rather wryly claims to have every feature a hacker needs!
Havaniceday — Vent your feelings about such a greeting in this whimsical arcade-style game.
Watch Your Language, Mark II — Add your own nouns, verbs, and adjectives to a story you haven't seen yet!
Review — Donna K. Woody's opinion of Compucraft's **The Stitch Grapher.**
Ranndom Events — A close-up look at developments in the computer industry.
Reader Review — A review of Funk Software's **Sideways** spreadsheet printout program.
Print Shop® Images — All 52 playing cards for your Print Shop library!

ISSUE #62 (Two 5.25" Disks)

Lores Dump — Convert lo-res pictures to hi-res and vice versa.
The Logical Choice — A version of the classic logic game **Mastermind.**
My Own Adventure — A "choose-your-own-path"-type adventure story.
Odyssey — The *complete role-playing game from Synergistc Software.*
Through the Looking Glass — The author of **Odyssey** reminisces about the early days of Apple computing.
Biorhythm — Create monthly biorhythm charts for yourself or a friend.
Reader Reviews — Check out **Under Fire!, MouseWrite** and **ThinkWorks.**
Ranndom Events — A close-up look at developments in the computer industry.
Print Shop® Images — A smorgasbord of culinary delights — not to eat! — but to add to your Print Shop library.
Serendipity — A hi-res novelty guaranteed to soothe jangled nerves.
Filled to Capacity — A hi-res program testing your knowledge of English and metric volume units.
Song Guesser — Any disk with music files can provide tunes for a "Name That Tune"-like game.
Review — A look at **The Luscher Profile**, a Mindscape personality test.

ISSUE #63 (Two 5.25" Disks)

Anti-Gravity — A challenging arcade game to test both your reflexes and sense of strategy.
Blockade — Battle a friend or your computer-opponent in this version of the classic arcade game.
Review — A look at **U.S.A.A.F,** SSI's World War II simulation, by Donna K. Woody.
Reader Review — A critique of Infocom's elaborate text adventure, **A Mind Forever Voyaging.**
Print Shop® Presenter — A utility for viewing up to nine Print Shop images at a time.
Why ProDOS? Part 1 — An in-depth comparison of DOS 3.3 and ProDOS.
Laser Show — A fascinating graphics display from David (Dr. Cat) Shapiro.
Print Shop® Images — A menagerie filled with real and mythical beasts.

ISSUE #63 (Continued)

Call Signs — Determine the areas served by a particular HAM radio call sign.
Review — Donna K. Woody's discussion of **Magicalc**, Artsci's spreadsheet program.
MouseWrite Demo — An interactive demo of the word processor from Roger Wagner Publishing.
Ranndom Events — A close-up look at developments in the computer industry.
Language Notebook — A great learning tool for students of foreign languages.

ISSUE #64 (Two 5.25" Disks)

A Peek at *DownTime* — An April Spool Foof of one of our competitors.
Decade — Another excellent card game from Paul Zelman.
Airheart — A look at Brøderbund Software's new arcade-style game.
Ardy the Aardvark — A whimsical arcader guaranteed to challenge your reflexes.
Mr. Bessel — Plot several different bessel functions to create fascinating graphic displays.
Boarding House — Eight new Brøderbund Print Shop Companion borders.
ImageWriter Font Downloader — Design and download fonts for the ImageWriter and ImageWriter II printers.
Reader Review — Find out about **Mouse Desk**, the Mac-like desktop organizer from International Software.
The Grand Union — Learn the history of the United States flag.
Why ProDOS? Part 2 — The in-depth comparison of DOS 3.3 and ProDOS continues.
Ranndom Events — A close-up look at developments in the computer industry.

ISSUE #65 (Two 5.25" Disks)

Anna's Gram #1 — A unique and entertaining word puzzle.
Monstroid — A charming and imaginative text adventure from two junior high programmers.
Bouncing Kamungas — The complete and completely-engaging arcade-style game from Polarware/Penguin.
Reader Reviews — Critiques of **KeyPlayer™**, **MultiScribe**, and the newest version of Brøderbund's **Print Shop**.
Continental U.S. Quiz — Test your knowledge of the states and capitals.
My Grandfather's Chest — A competitive memory game for children and adults alike.
Dazzler — Another hypnotic hi-res novelty from "Dr. Cat" Shapiro.
Print Shop® Images — A collection featuring images about transportation.
Printer Power — A printer setup program for producing a wide variety of type styles.
Why ProDOS? Part 3 — The in-depth comparison of DOS 3.3 and ProDOS continues.
Ranndom Events — A close-up look at developments in the computer industry.

ISSUE #66 (Two 5.25" Disks)

Thousand Miler — A hi-res version of the popular strategy game **Mille Bornes**.
Anna's Gram #2 — Another entertaining word puzzle from the author of **Bezare**.
Reader Reviews — Opinions about Funk Software's updated **Sideways** and Pinpoint Publishing's **RunRun.**
FUNdamental Factors — A program quizzing students about least common multiples and greatest common factors.
Border Shop Fonts — Both the "Cartoon" and "English" fonts require **The Print Shop Companion**.
Sector Manipulator — A multi-function disk utility for sector editing, disk searching, and file retrieval.
Edit.Pro — The complete ProDOS Applesoft program editor from Living Legends Software.
Review — A critique of **Edit.Pro** by Val J. Golding.
Ranndom Events — A close-up look at developments in the computer industry.

ISSUE #67 (Two 5.25" Disks)

Encounter One — You must take an alien I.Q. test with instructions written in a non-human language!
Anna's Gram #3 — A word puzzle *not* written in a strange alphabet, but challenging just the same!
Bezare — Decipher the alien alphabet to learn the rules of this game before you can play it!
Minefield — Utilize both memory and strategy skills to negotiate a hi-res minefield.

ISSUE #67 (Continued)

King of the Jumble — A cryptanalysis program for solving simple ciphers.
Print Shop® Images — Rank insignia and other emblems of the U.S. armed forces.
Label Writer — Create, print, and save to disk up to 15 frequently-used labels.
IIGS Key Whiz — Detect and display thousands of Apple IIGS keypresses.
Founding Fable — Syndicated columnist Dan Gutman's sly look at history.

ISSUE #68 (Two 5.25" Disks)

Duchess — Another slick solitaire card game from Paul Zelman.
Ant Wars — A strategy game with red vs. black ants in a fight to the finish.
Anna's Gram #4 — Another great word puzzle from John Besnard.
Argos — Pit your reflexes against hordes of invading aliens.
Q&D HiRes Text — Learn not only what hi-res text is, but also how to use it.
Q&D Font Editor — A utility for designing and using hi-res text.
Round Robin — A handy tool for scheduling matches in round robin tournaments.
Print Shop® Images — Graphic creations from one of our most talented Print Shop artists: Juliette Deshelter.
Biblical Flash Cards — Fifty-two questions on the books of the Bible.
Ranndom Events — A close-up look at developments in the computer industry.

ISSUE #69 (Two 5.25" Disks)

Anna's Gram #5 — Another of John Besnard's mind-boggling word puzzles.
Apple Dots — You *are* seeing dots before your eyes! Connect them.
Jotto — A word guessing game with a difference.
The Spy Strikes Back — The complete sequel to Polarware/Penguin's **Spy's Demise**.
Tacklebox — A show-and-tell program which brings back fond memories.
Print Shop® Images — Talented guest artists share new borders and a composite with you.
Astronomy Corner — A quick hi-res tour of our solar system.
Friendly Check — Replace "creative accounting" with accuracy when balancing your checkbook.
Squaring Off — Swap crosses and triangles in this challenging exercise.

ISSUE #70 (Two 5.25" Disks)

DA Stock Game — Find out if and when your stocks will go up.
Learning your AVP's — How many American Vice-Presidents can you remember?
Reader Reviews — Check out opinions of **PHM Pegasus** and **Certificate Maker**.
Pixel Puzzler #1 — Slide-the-tiles puzzles based on Carol Day graphics, "Eye on the Future" and "Goldfish."
Print Shop® Images — Enjoy a Spanish mission composite and a set of football figures.
Q&D Picture Finder — A fast way to look through your hi-res picture library.
Monkey's Uncle — It's "monkey see, monkey do" in this graphics and sound extravaganza.
Anna's Gram #6 — Another challenging word puzzle from John Besnard.
Tubeway — Thwart insidious invaders from a strange geometric universe.

ISSUE #71 (Two 5.25" Disks)

Electric Guitar — Recover your stolen instruments before showtime!
Rock and Roll Quiz — A challenging trivia quiz on the history of rock.
Anna's Gram #7 — One of the toughest John Besnard word puzzles yet!
Pixel Puzzler #2 — More slide-the-tiles puzzles based on Carol Day's artwork.
Print Shop® Images — Interesting new borders and images for use with Brøderbund's **Print Shop**.
Alfredo's Miserable Moniker — The eleventh in our series of animated cartoon adventures.
Double Trouble — Simultaneous-play multi-level arcade games on a split screen.

ISSUE #72 (Two 5.25" Disks)

Resilon — Prepare to blast myriad objects falling from the sky.
Encounter II — A mysterious alien water valve puzzle for you to solve.

ISSUE #72 (Continued)

Bugs! — Stomp the household pests to oblivion as fast as you can.
Watch Your Language, Mark III — Another zany story-maker from our favorite Guanozap programmer.
Anna's Gram #8 — John Besnard strikes again with another devilish word puzzle.
Psychic Powers — A true test of psychic ability: the player with the most precognition wins.
NTER — A handy routine which solves the problems created by the INPUT command.
By Any Other Name — Select from hundreds of first and middle name combinations.
Ghouls by Day — Six of our favorite fiends in a creepy Halloween slide show.
Pixel Puzzler #3 — Artist Carol Day herself is the subject of this computerized jigsaw puzzle.
Print Shop® Images — A bevy of ghouls and monsters for your Halloween greeting cards.
Nightmare Gallery — Surely the most blood-curdling arcade game ever devised!

ISSUE #73 (Two 5.25" Disks)

The Space Ark — Collect specimens from all over the cosmos in this Datamost arcade game.
Day on the Veldt — A hi-res slide show of an African safari by Carol Day.
AppleMind — A revision of **Mastermind** by Matthew Clark.
Q&D Volume Mapper — Print full CATALOGs of your ProDOS volumes.
Wiggler — A hypnotic hi-res novelty from Dr. Cat.
Zippers — Another Paul Zelman hi-res solitaire game sure to please the most avid enthusiast.
Pixel Puzzler #4 — A three-level hi-res jigsaw puzzle.
Packed Picture Runner — Make BRUNable hi-res pictures for ProDOS.
The Crossword Machine — Knowing the theme will help you solve this word puzzle.

ISSUE #74 (Two 5.25" Disks)

Super Bunny — Carrots are to the mighty rabbit what spinach is to Popeye.
Top CAT — Explore the hierarchy of ProDOS files with this automatic menu program.
The Crossword Machine — A computerized crossword puzzle for hours of entertainment.
GR8 PL8S — Use cryptic clues to complete a series of personalized license plates.
Michael's Magic — A hypnotic kaleidoscope treats you to a colorful visual extravaganza.
Seven Keys — Be the first player to collect seven keys — *and* $100,000!
Pixel Puzzler #5 — Another Carol Day hi-res puzzle featuring our favorite input device.

ISSUE #75 (Two 5.25" Disks)

Cavern Creatures — Avoid the deadly walls of endless caverns in your quest for the Secret City.
Australian Cockroach — Eradicate the most disgusting menace of the century.
Watch Your Language — Speak *(adv.)* and carry a big *(n.)* as you create fill-in-the-blank stories.
GR8 PL8S II — More customized license plates for you to decipher.
The Crossword Machine — Hi-res crossword fun for everyone.
Latitude & Longitude — Training in parallels and meridians.
DOGPAW — An automatic text output routine.
Printer Enhancer Program — Set the print styles for any dot matrix printer.
Infinitudes — Sit back and enjoy this hi-res kaleidoscope.

ISSUE #76 (Two 5.25" Disks)

World Cities — Test your knowledge by locating the famous cities of the world.
Volume Control — The last word in volumetric conversion programs.
"No-Liner" Utilities — EXEC-able text file utilities for more joyful programming.
Twittering Birds — See if your ear is discriminating enough to identify our feathered friends.
Presidents' Day Quiz — Explore the warped psyches of ***Softdisk's*** editors.
Walk into the Dot — Maneuver your man to avoid the deadly orange dots.
The Argent Bovine — A thrilling parody on the famous Origin **Ultima** series.
Periodical Table — *Not* to be confused with Anton van Leeuwenhoek's microscope!
Hangman — Hi-res action in an unbeatable word game!

ISSUE #76 (Continued)

Tharolian Tunnels — Free the planet Tharolia from rule by maniacal machines.
The Crossword Machine — This month's puzzle: "Straw Warts, Episode IV: The Editor Strikes Back."
Pixel Puzzler #6 — A CATastrophic hi-res jigsaw puzzle.

ISSUE #77 (Two 5.25" Disks)

Phases of the Moon — An animated tutorial on lunar phases and the tides.
Crazy Mazey — Dodge killer cars as you grab cash secreted in this smash-up thriller.
Detours — Construct the most straight rows and win this two-player game of strategy.
The Crossword Machine — Our monthly computerized word puzzle to keep you guessing.
No-Clock Timeset — An accurate timepiece for Apples that do not have clocks.
Anna's Gram #9 — Unscramble the letters, solve the anagram, *then* view the cartoon!
Visibook — You supply the numbers; **Visibook** does the calculations in this spreadsheet-checkbook.
Softdisk Formatter — Format your ProDOS disks in an instant.

ISSUE #78 (Two 5.25" Disks)

The Crossword Machine — This month's puzzle's 121 squares will puzzle you, for sure!
No-Liners — Three EXEC-able files to make your programming easier.
Concentration — Match two shapes hidden under the numbers and you score!
Pixel Puzzler #7 — A tough, computerized jigsaw puzzle.
Anna's Gram #10 — The final installment of John Besnard's exciting rearrange-the-word puzzles.
European Cities — Learn the cities of Europe with help from the magnificent Mentor.
Selector — Exit ProDOS with convenience and style.
Mars Cars — Grab the treasure and evade the deadly Mars Cars.
Softdisk Formatter — A quick and easy way to format ProDOS disks.
Diskwriter — A small though sharp word processor for your "Feedback" files.

ISSUE #79 (Two 5.25" Disks)

Print Shop® Graphics — They're *back!* — with an all-new presentation program.
U.S Cities quiz — Find out how well you really know U.S. geography.
Recollect — A real-time Beatles trivia quiz.
GR8 PL8S — A third nearly-impossible license plate puzzle from John Besnard.
The Crossword Machine — A monthly challenge for all cruciverbalists.
Q&D Picture Finder — Locate and look at all the pictures on any disk drive.
DiskWriter — A word processor for your "Feedback" files.
Reprint — Print out your text screen by pressing RESET.
Hyperformat — A quick and easy way to format ProDOS disks.

ISSUE #80 (Two 5.25" Disks)

Pyramid — Throw away everything if you are to win this hi-res game of solitaire.
Haydn's Minuets — Learn about the great composer as you listen to his music.
Multiplication — Once you know the Big Secret, multiplication is *easy!*
Print Shop® Graphics — Medieval images and a new Old English font.
Undelete — Recover files you have accidentally deleted.
One-Page Calendar — A year-long calendar on *one* page of printer paper!
DiskWriter — A quick and easy word processor.
Hyperformat — A quick and easy disk formatter.
The Crossword Machine — Featuring the first puzzle by a non-***Softdisk*** staff member.
Conquering Worlds — Conquer whole star systems in this far-reaching tactical simulation.

ISSUE #81 (Two 5.25" Disks / One 3.5" Disk)

***Magna Charta™* Demo** — A peek at Third Wave Technology's new business graphics application.
Money Money — Print out currency exchange tables.

ISSUE #81 (Continued)

INPANY — INPut ANYthing with this utility and print it with wrap-around.
Hi-Res Root— Place hi-res text in your programs quickly.
Rock and Scroll — Get your balloons past falling rocks in this two-player game of strategy.
Automata — Enter reproduction patterns for cells and observe changes in future generations.
Vortex — Face onslaught from every side in this fast arcade adventure.
Print Shop® Graphics — Images and borders for your **Print Shop** collection.
Crossword Creator — Design your own 11x11 puzzles.
Charts and Graphs — An overview of charting and graphing applications.

ISSUE #82 (Two 5.25″ Disks / One 3.5″ Disk)

Magic Boxes — A tough though entertaining mathematical puzzler.
ProMap — Pinpoint what file is where on any ProDOS disk.
The Works Shop — A graphics and programmers' database for AppleWorks™.
Changemaker — An educational game teaching children how to make change.
Print Shop® Graphics — More images, borders, and fonts for your growing collection.
Q&D Backup Restore — Back up large ProDOS volumes with ease and versatility.
Q&D Font Editor — Make standard hi-res fonts the easy way.
Encounter III — An interactive demo from John Besnard's **First Encounter**.

ISSUE #83 (Two 5.25″ Disks / One 3.5″ Disk)

The Works Shop — A recipe template for AppleWorks.
Q&D Banner Thing — Create banners *fast* with a wide selection of fonts.
Go Four It — Line up your pieces before your opponent does!
ER — You are the only doctor available and four patients need urgent attention!
The Market Place — The latest in software, hardware, and accessories.
Texthrcg.s — The assembler source code for our HRCG.
Print Shop® Graphics — Twenty-eight new images, two fonts, and 27 borders!
Boxes and Windows — Draw shadowboxes and multi-layered windows from BASIC.
Wari — A tricky board game from Senegal.

ISSUE #84 (Two 5.25″ Disks / One 3.5″ Disk)

The Works Shop — A "little black book"-like database template for AppleWorks.
Thousand Year Datebook — Keep track of appointments and important dates.
The Desktop — Two new fonts for **MultiScribe™ IIe**.
Number Clue — Fill in the missing words in number-related phrases.
Boxmaker — Create your own boxes for drawing windows in BASIC programs.
Box Root — An automatic box and hi-res character generator.
Multi-Drill — A step-by-step tutorial through long multiplication.
Print Shop® Graphics — Images of flags from all over the world.
The Bilestoad — Defend yourself from robots or fellow players in this game of combat.
Kono — A tricky board game from Korea.

ISSUE #85 (Two 5.25″ Disks / One 3.5″ Disk)

Desert Trader — The quintessential western-space opera.
Backtrack — Turn your computer into a percussive drum machine.
Goback — Maneuver quickly between ProDOS subdirectories.
United States — A hi-res educational geography quiz.
Morse Code Tutor — A tutorial and drill for learning the Morse code.
Print Shop® Graphics — New images, borders, and a font as well.
Taxmaster — AppleWorks™ templates for figuring your income taxes.
Superbye — Exit from applications to BASIC the easy way.
Fox and Geese — A tricky European board game.

ISSUE #86 (Two 5.25″ Disks / One 3.5″ Disk)

South America — A tutorial for learning the countries and capitals of our southern neighbors.
What a Card! — Keep track of people to whom you owe cards, and print some to send them!
Property Manager — AppleWorks templates for keeping track of what you own.
Print Shop® Graphics — A potpourri of images, animate and inanimate.
1000-Year Calendar — Learn about the Gregorian and Julian calendars.
Dino Eggs — Rescue baby dinosaurs and save the mystic creatures from extinction.
Dr. GOSUB's Office — Twenty BASIC subroutines for programmers.
Seega — A touch strategic board game from the country of Somalia.

ISSUE #87 (Two 5.25″ Disks / One 3.5″ Disk)

Africa — Learn the countries and capitals of the Dark Continent.
Wherz-It-At — A database program for keeping up with seldom-used items.
Bowling — A hi-res animated bowling simulation.
Print Shop® Graphics — Images of computers and much more!
Bowling Handicapper — An AppleWorks template for figuring your bowling average.
ProDisk Utility — A valuable ProDOS file-, volume-, and block-management utility.
Sports Savvy — A sports trivia game for testing your knowledge of the world of sports.
Dr. GOSUB's Office — Twelve useful machine language routines for BASIC programmers.
Nine Men's Morris — A classic game of strategy from Italy.

ISSUE #88 (Two 5.25″ Disks / One 3.5″ Disk)

U.S. Abbreviations — Learn the abbreviations of the 48 continental United States.
Novelty Songs — Sing along with three of the most popular nonsense songs of the forties.
The Works Shop — Use AppleWorks to produce box inserts for your audio cassette library.
Weights and Treasure — An animated puzzle game with a screen construction set built-in!
Print Shop® Graphics — New graphics, borders, and another font for your collection.
Crisis Mountain — Dodge tumbling boulders and flowing lava while saving the mountain from blowing up.
Soundmaker II — Create sound effects to spice up your programs.
Viroscope — A detection system for isolating computer viruses.
MU Torere — Trap the other player in this hi-res version of a New Zealand board game.

ISSUE #89 (Two 5.25″ Disks / One 3.5″ Disk)

Tree — Display the tree structure of your ProDOS disks.
Moltar — Avoid the rising lava and falling fireballs!
Finger Spell — Learn the manual alphabet known as American Sign Language.
Expense Master — An AppleWorks spreadsheet for tracking your business expenses.
Print Shop® Graphics — A variety of images for use with Brøderbund's popular program.
Asia — Learn the countries and capitals of the largest continent.
Autostart — Kick off any ProDOS program automatically.
The Golden Cheese — Traverse the mystifying maze to find the fabulous treasure.
Fileview — A generic menu program for viewing, loading, or running your files.
What a Message! — Create new font panels for Issue #86's **What A Card!**
Nimwit — A NIM-like game in which you *slide* the last piece to win.
Dimwit — A spoof of **Nimwit**.
Stranded — Test your lunar survival skills.
Antarctica — Learn the countries of our least populous continent.

ISSUE #90 (Two 5.25″ Disks / One 3.5″ Disk)

What a Poster! — Transform your favorite hi-res picture into a poster.
I Can Budget — An AppleWorks template for getting your budget in shape.
Copy It — Make *fast* copies of your disks.
Placeball — Bounce balls off walls to your heart's content.
Print Shop® Graphics — Images of trains and rockets for your collection.

ISSUE #90 (Continued)

Short Circuit — All it takes to save the world is your joystick.
World Conquest — Use your best strategy skills to return the planet Reficul to its people.
U.S. Nicknames — Learn the nicknames of the 48 continental United States.

ISSUE #91 (Two 5.25″ Disks / One 3.5″ Disk)

Q&D Calendar Thing — A calendar/reminder system you can run while in AppleWorks!
Europe — An educational quiz on the cities and countries of the European continent.
Conversion System — Convert metric to English and Fahrenheit to Celsius and back!
Jewel Hunt — Wander the magician's lair where dangers and riches await you!
Number Converter — Make hex, decimal, binary, negative address, and hi/lo-byte conversions easily.
Print Shop® Graphics — It's "by the sea" with ships and water fowl graphics.
Loose Change — Brush up on your change-making skills.
Quickshapes — Select and save hi-res shapes and plot them onscreen in your programs.
Quickshapes Demo — An instructive Applesoft program on the use of **QuickShapes**.
Duck Boop — Boop ducks and experience firsthand what can be done with **QuickShapes**.
Slide Guide — Slide all the pieces into the right positions in this mind-twisting puzzle.

ISSUE #92 (Two 5.25″ Disks / One 3.5″ Disk)

Q&D Credit Payments Thing — Find out how much your credit card is costing you.
Credit Payments — Figure out how much your debts are costing you.
Car Finances — Plan your new car payment before you buy!
Typing Attack — A typing tutorial with a fun twist.
Copy — A ProDOS add-on command for copying or moving files.
Dupe — A ProDOS command for copying one file from one place to another.
Print Shop® Graphics — Dozens of new images for your collection.
Princess Puzzle — Rescue the princess in this menu-driven adventure.
Anagram Challenge — A word game for fast thinkers!
Proportional Text — Text from BASIC programs can look great!
Magnet Madness — Use magnets to get your marble through a maddening maze.
Bulletin Board — We hear from you and you from us!
Last Things — Some information about new ways to use Softdisk, plus a comments report card.

ISSUE #93 (Two 5.25″ Disks / One 3.5″ Disk)

Mighty Graph — A multi-faceted graph maker/printer utility.
Multilabels — Learn how to print multiple labels *horizontally* with AppleWorks® .
Monthly Budget — An AppleWorks® utility to ease your budget woes.
Latin Linguist — Learn Latin phrases which are very much alive!
Division Drill — Test and sharpen your division skills.
Print Shop® Graphics — Dinosaurs and other impressive creations!
Zappa Roidz — An action-packed space shoot-'em-up.
Aztec Temple — A text adventure set in the legendary jungles of Mexico.
Online — A ProPower utility for scouting out active volume names.
Showtxt — A ProPower utility for displaying and scrolling text files.
Eject! — A ProPower utility for ejecting 3.5″ disks from BASIC!
Zig Zag Flag Shag — Try to find the shortest distance between two points!

ISSUE #94 (Two 5.25″ Disks / One 3.5″ Disk)

Edit — An impressive text editor for reading *any* type of file.
Easy Money — An AppleWorks template for managing your investment portfolio.
Print Shop® Graphics — Images of world geography and history.
Pixel Puzzler II — A fast, interactive demo of a *Softdisk Catalog* product.
Techtalk Tutor — A tutorial on the lingo of ProDOS and megabytes.
Scan — A ProPower utility for speeding up file searches.

ISSUE #94 (Continued)

Stringing Along — Two BASIC routines for string formatting and searching.
Recollect Trek — A challenging hi-res Star Trek trivia quiz.

ISSUE #95 (Two 5.25″ Disks / One 3.5″ Disk)

Pantry Planner — Make shopping easier by organizing your pantry.
Credit/Employment History — Record personal data about accounts, residences, and previous jobs.
Typing Attack II — The next step to the mastery of fast typing.
Who Cares? — Find out the real names of "reel" stars!
Print Shop® Graphics — Tile patterns, birds, borders, and more!
Sargo Noidz — A fast-action chess arcade game.
Ed's Superspy Course — The final test-adventure before receiving your spy diploma.
Softbye — An exit menu for selecting your next application.
Mix Matcher — Solve this intriguing new puzzle - or die trying!

ISSUE #96 (Two 5.25″ Disks / One 3.5″ Disk)

Microbyte Savings & Loan — Your Apple can do almost anything your bank can!
Measure for Measure — An AppleWorks template for converting units of measure.
Alfredo's Lost Cause — A nostalgic glance back at our hero's very first adventure.
Alfredo's Miserable Moniker — Our dubious hero searches for his true last name.
Print Shop® Graphics — A random assortment of beautiful graphics for your collection.
Memorable Music — A jukebox of classical melodies for your entertainment.
Lumberjack Crash — Defoliate the forest, and you will solve this infuriating puzzle!
The Crossword Machine — Our popular paperless crossword puzzle returns!
Magna Charta — A demo of the powerful chart-making program.

ISSUE #97 (Two 5.25″ Disks / One 3.5″ Disk)

Dominoids — Gobble up point-laden dominos, but avoid the deadly dominoids!
Measure for Measure, Part 2 — Use this AppleWorks® **template to make linear, thermal, angular, and speed conversions.**
Micro Byte List Manager — Organize and print address and phone lists for home, school, and office.
Jump Pit — Play an intriguing adaptation of an ancient Oriental game!
Dinosorcerer — Create thousands of dinosaurs with this prehistoric construction kit.
Macro Magic — Translate single keypresses into multiple-character strings of text!
Prehistoric Print Shop® A companion collection of creatures for this month's **Dinosorcerer.**

ISSUE #98 (Two 5.25″ Disks / One 3.5″ Disk)

Cribbage Companion — Learn cribbage, then play the computer in this colorful card game.
Happy Jacket — Design, print, and fold to create custom disk sleeves.
Alfredo's Stupendous Surprise — Experience insurmountable obstacles with your favorite computer anti-hero.
Print Shop® Images and Font — Add to your Print Shop collection with 28 new images and an original font.
The Crossword Machine — Solve this challenging 121-square computer crossword puzzle.
Hook — Eliminate unnecessary disk accesses by "unhooking" connected disk drives via software.
Crypto-Maker — Solve our encrypted puzzles, or create your own!

ISSUE #99 (Two 5.25″ Disks / One 3.5″ Disk)

Medical Expenses — Keep accurate records of your entire family's medical expenses.
Tennis — Lob, volley, and ace out your opponent in a fast-paced game that's sure to test your reflexes!
Cell Block, Lesson 1 — First in a new series on how to design powerful AppleWorks® templates.
Print Shop® Graphics and Font — A menagerie of clip art creatures, plus an IBM-logo-based font!
Sub Stalker — Sight and sink enemy subs in an underwater action arcade game.

ISSUE #99 (Continued)

Procopy — Copy files from disk to disk, even if you have only one disk drive.
PFX — Forget about using slashes in pathnames.
Spanish Tutor — Teach or learn one of the world's fastest-growing languages.

ISSUE #100 (Two 5.25″ Disks / One 3.5″ Disk)

Softdisk Centennial — Browse through a decade of impressive programs from **Softdisk.**
Cell Block, Lesson 2 — Learn more about AppleWorks in our second spreadsheet tutorial.
Job Hunter — Track every resume you have in circulation with this handy AppleWorks template.
Calendar Wizard — Create and print custom calendars for important appointments and holidays.
Map — Check your disks for free blocks with this ProPower utility.
Birthday Games — Celebrate a birthday with this super trilogy of arcade games. Includes Make a Wish, Light the Candles, and Open the Gifts.
Print Shop® Graphics — A variety of fun clip art, including balloons, a clown, cupid, and umbrellas.

ISSUE #101 (Two 5.25″ Disks / One 3.5″ Disk)

Golf-A-Way — Tee up and track your handicap with this AppleWorks template.
Cell Block, Lesson 3 — Third installment of the AppleWorks spreadsheet-building series.
Purrfect Math — Make math fun for young learners with this simple addition and subtraction drill!
Grotto Run — A frantic arcade game where you fly through the grotto and try to stay alive!
Archival Lister — Print easy-to-read BASIC program listings in a snap!
Print Shop® Graphics — Unique and exciting U.S. Navy fighter squadron logos for your clip art collection!
Cassette Inserts — Organize your audio tape selection with these colorful, easy-to-do labels!

ISSUE #102 (Two 5.25″ Disks / One 3.5″ Disk)

Cell Block, Lesson 4 — Become an expert spreadsheet user. Lesson 4 in the on-going AppleWorks template.
Time Machine — Pack your audio and video tapes with sound and scenes with this AppleWorks template.
Print Shop® Fonts — Create better looking signs, banners, and cards with sixteen new Print Shop® fonts!
Monitor Command — The advanced programmer will enjoy seeing every MLI instruction the Pro-Dos executes.
Custom Database — Create one-of-a-kind databases and organize nearly anything. Set fields, make labels, and more!
High Stakes Poker — Play two computer opponents in this high-resolution game for big stakes!

ISSUE #103 (Two 5.25″ Disks / One 3.5″ Disk)

Word Castle — Improve your child's vocabulary skills with this hidden word game.
Dark Designs — Explore five levels in this dangerous test of role-playing!
Outliner — Organize your thoughts into a formal outline!
Monthly Mail — Addresses zillions of envelopes automatically!
Propower Utilities — Add three, powerful commands for sound and time/date capabilities.
Crossword Machine — Solve four challenging electronic crossword puzzles!
Print Shop® Graphics — Now you can use some of the Softdisk issue graphics! Add these new designs to your collection!

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